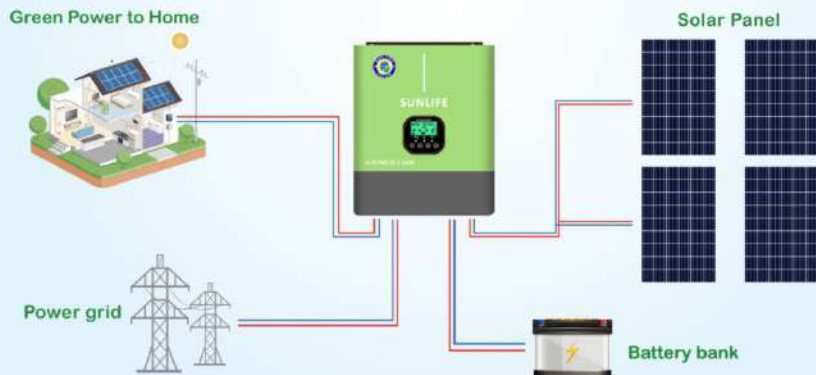


OFF GRID INVERTER 1500w-12v

PRODUCT FEATURES

- Pure sine wave inverter.
- Compatible to AC mains or generator power.
- Configurable AC/Solar input priority via LCD setting.
- Cold start function.
- Overload/ Over temperature/short circuit protection.
- Selectable input voltage range for home appliances and personal computers.
- Built-in MPPT solar controller.
- Auto restart while AC is recovering.
- Status indication with RGB lights.



DATASHEET	SUNPRO SL 1.5KW
RATED POWER	1500W
INPUT	
Voltage	230 VAC
Frequency Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances) 50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%
Surge Power	3000VA
Efficiency (Peak) PV to INV	97%
Efficiency (Peak) Battery to INV	94%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY & AC CHARGER	
Battery Voltage	12 VDC
Floating Charge Voltage	13.5 VDC
Overcharge Protection	16 VDC
Maximum Charge Current	80 A
SOLAR CHARGER	
Maximum PV Array Power	2000W
MPPT Range @ Operating Voltage	60 ~ 430 VDC
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum Charging Current	80 A
Maximum Efficiency	98%
PHYSICAL	
Dimension, D x W x H (mm)	128*300*363
Net Weight (kgs)	6.1
Communication interface	USB/RS232
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C